This Brief is Classified:
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SJFHQ-N Knowledge Management

8 March 2005

LTC Bruce Robinson
KM Section Supervis

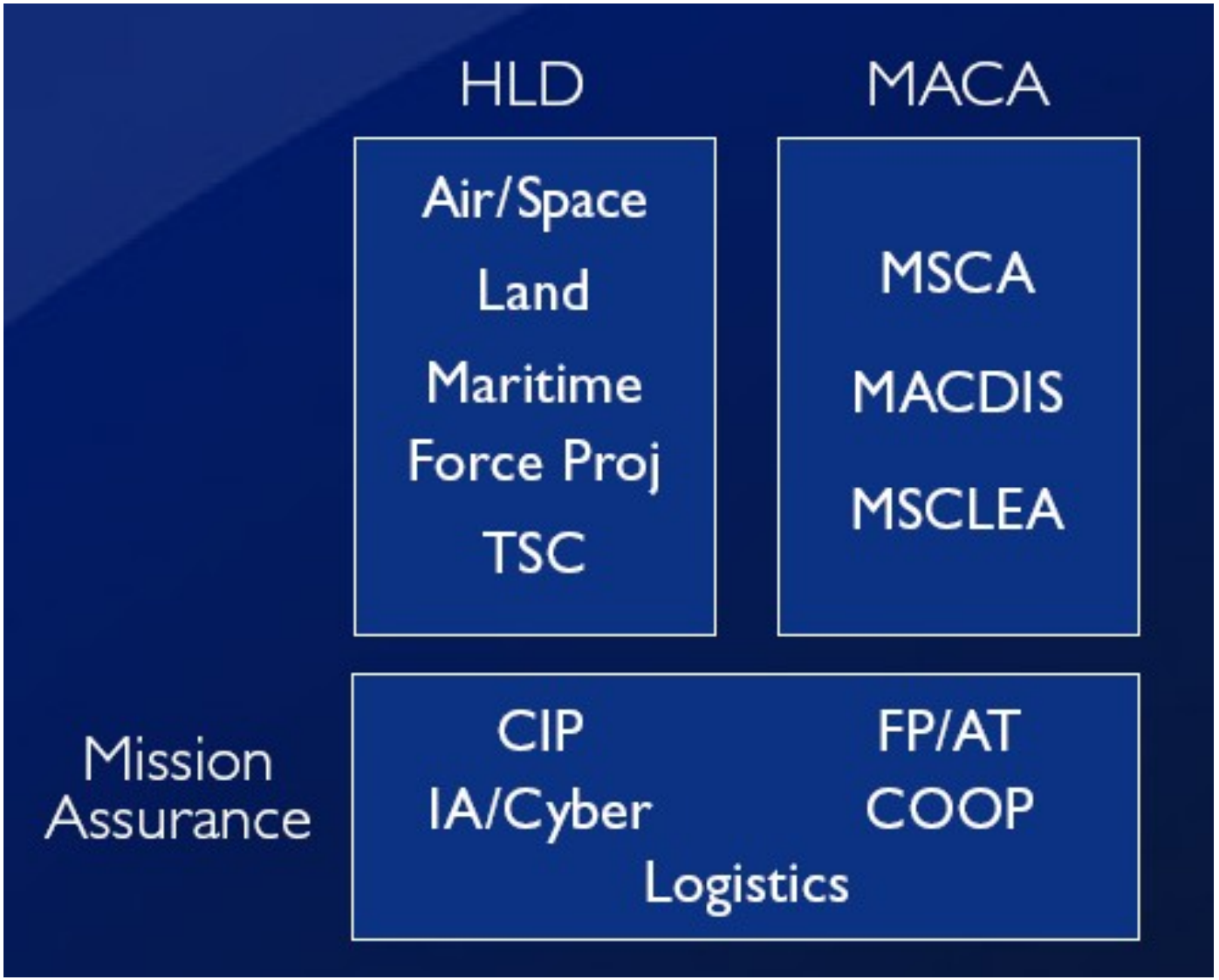
Agenda

- **Mission**
- **Knowledge Management at USNORTHCOM**
- **Interagency Discussion**
- **Questions**

Mission

- **NORTHCOM Mission**
  Conducts operations to deter, prevent, and defeat threats and aggression aimed at the United States, its territories, and interests within the assigned area of responsibility; as directed by the President or Secretary of Defense, provides military assistance to civil authorities including consequence management operations.

Mission



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Adaptive Headquarters

Migrating to the EBP working group construct; information flow based on working group data flows, not J-codes

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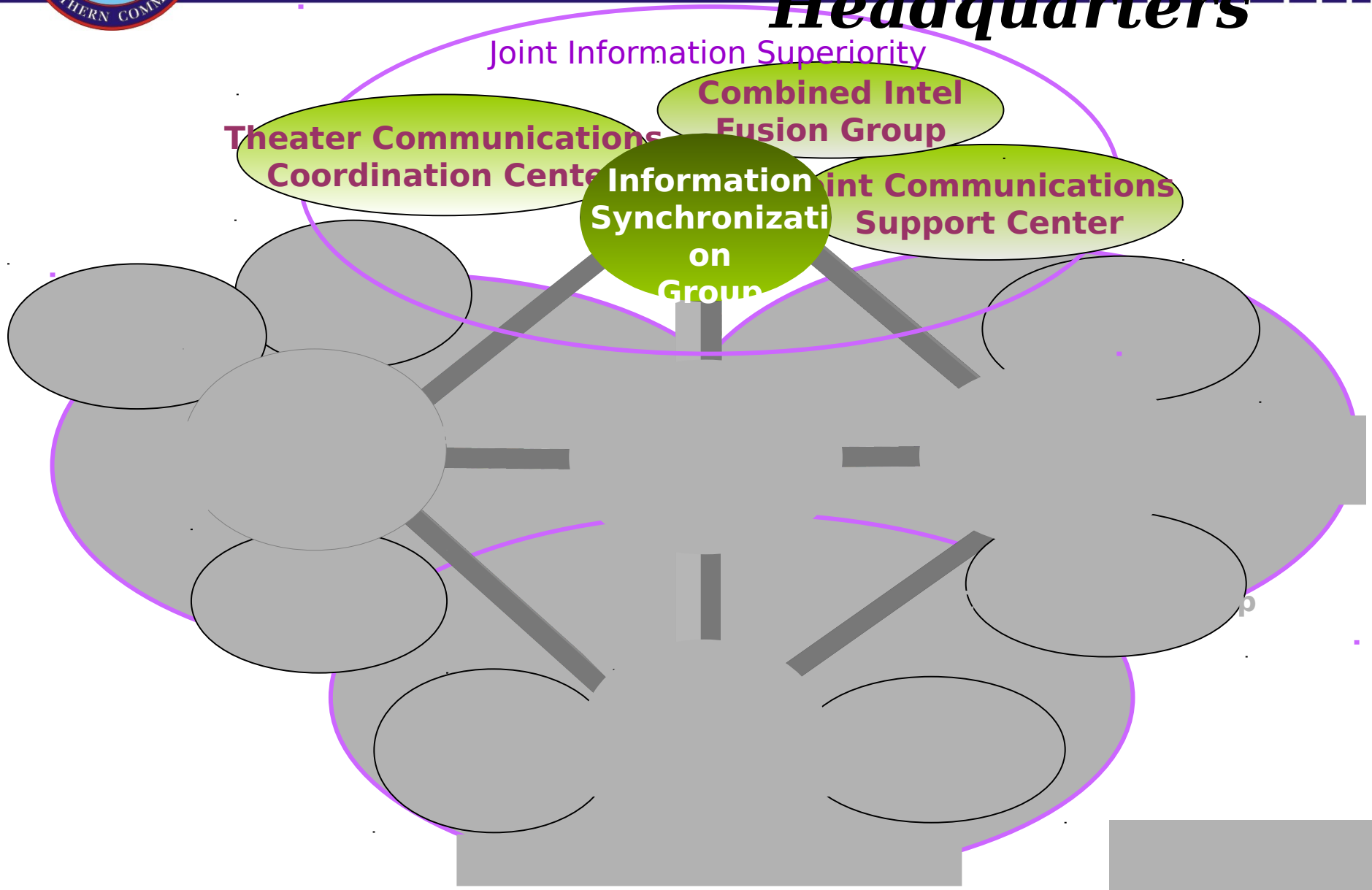
Adaptive Headquarters



Information Synchronizatio

- **Mission:**
  - **Responsible for synchronizing information sharing and information management efforts across the Commands and their partners.**
  - **The intent is to enable senior leadership's ability to affect change in managing the Commands' information, promoting timely and effective decisions by the Commander.**
  - **Its primary function is to fuse all operationally relevant information across functional areas and provide actionable knowledge for decision-making.**
  - **The ISG also serves as a discussion forum for significant cross-cutting issues affecting the Commands within the "information domain."**

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Collaborative Information Environment

USNORTHCOM established an easy-to-deploy and use Collaborative Information Environment

Key Collaborative Information Environment (CIE) Tools

- **DSEL - Dynamic Synchronization Event Log – (command and control log & event management) – RELCAN/SIPRNET/NIPRNET**
  - **Not immediate, more evaluated, attribution established, summarizes events, data, points to WEB/PORTALs for more detailed data, uses static COP picture, and is the command's historical record**

- **Defense Collaborative Tool Suite (DCTS)**
- **CHAT – NIPRnet/RELCAN/SIPRnet/JWICS**
- **WEB/PORTAL – Central repository for more finished documents**
- **C2PC/COP/GIS/commands integrated tactical warning and attack assessment (ITWAA) tools**

Simulated Air Canada Hijack Event - Microsoft Internet Explorer provided by USNORTHCOM

File Edit View Favorites Tools Help

Back Search Favorites Media

Address http://22.5.1.76/dsel4/1844.aspx Go Links

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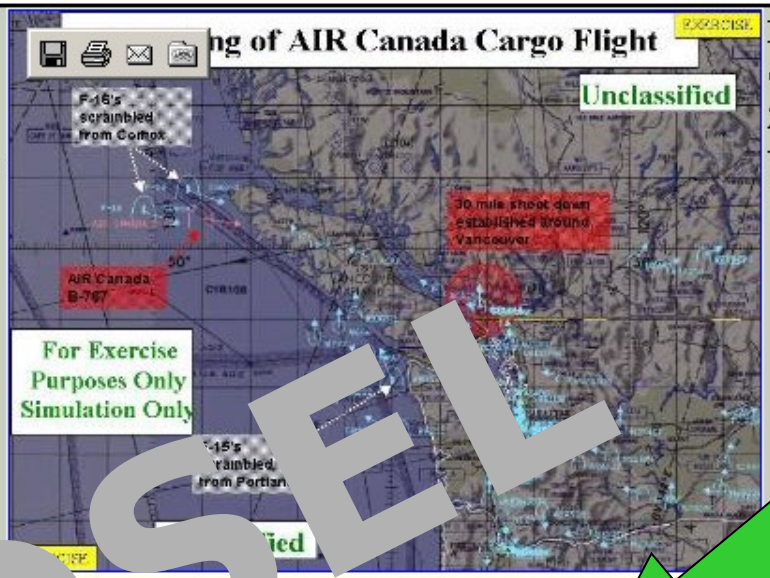
Simulated Air Canada Hijack Event

Classification: UNCLASSIFIED

Source: ANR

Status: **View Access:** **Type:** Exercise

(Close out Summary) Canadian Air Defense System (CADS), detected an Air Canada B-767 Cargo Aircraft, Calgary to Anhcorage Squawking hijack transponder code of 7500 near Vancover, BC, Canada. (Sinulated Event)



DSEL

Editor: seetinrr

Original DTG: 23:40:38Z23FEB04

Update DTG: 16:43:32Z02MAR04

Description: CADS detected a[ir] Cana[da] B-767 Car[go] Aircraft filed Calgary to A[nchorage] squawking hijack transponder code of 7500 near [Van]couver[, BC, Ca]nada. Manifest shows crew of [two] passengers (no distinguished persons). CADS scra[mbled] le C[omox] and WADS scramble Portland. [Eagle] Conference initiated at 2018z. 2023z ANR CDR ord[ered] [scra]mble of ANR F3. 2026z Comox Intercept complete. Aircraft unresponsive to fighter signals or warning flares and evasively maneuvering. 2028z Portland setting up a barrier patrol between hijack aircraft and Seattle. The command's leadership was brought into the conference and declared the target as hostile. Fighters observe single occupant in cockpit making obscene gestures and maneuvering the aircraft evasively. 2042z government of Canada authorizes Canadian fighters to enter US Airspace if required. 2045z government of Canada authorizes engagement only in parameters described above. Aircraft continues toward Alaska under escort of Canadian F-18's, Alaska F-15's with tanker enroute from North.

Actions: Actions: FAA reports that at 2206z crew subdued hijackers and pilot took back control of aircraft, plane landed safely at YAK with F-15's landing back at PDX.

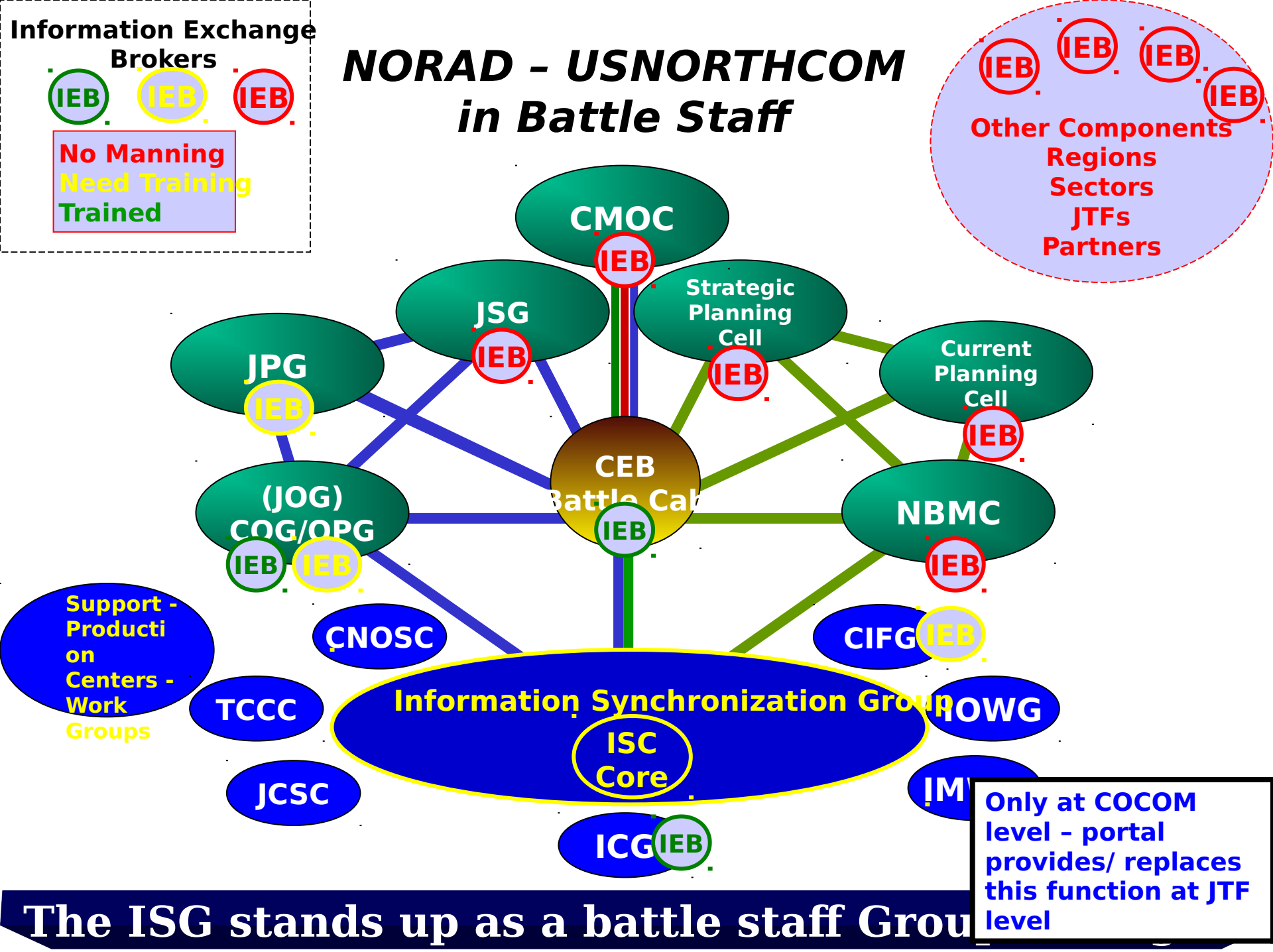
Analysis:

http://22.5.1.76/dsel4/115.jpg

Internet

Start Inbox - Microsoft Outlook Home - Microsoft Internet... Simulated Air Canada ... 12:13 PM

NORAD – USNORTHCOM in Battle Staff



The ISG stands up as a battle staff Grou

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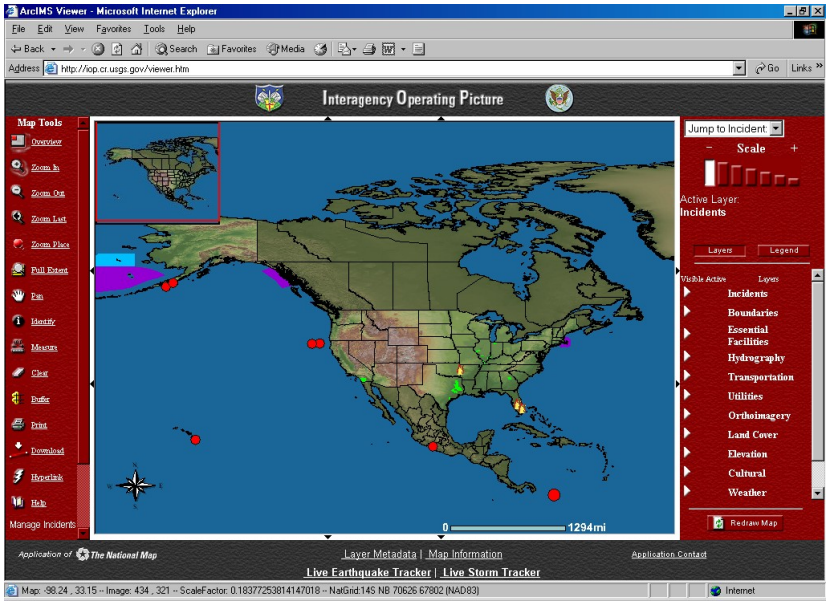
Interagency Collabo

- **Today:**
  - **IC Directorate/Group**
    - Synchronize activities with multiple national, international agencies and departments, National Guard Bureau (NGB), and U.S. Armed Forces Reserve components to ensure mutual understanding and unity of effort across the full spectrum of operations.
    - Interagency Operating Picture



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Interagency Collabo

- **Today:**
  - **Ops/Plans**
    - DHS: TSA, Customs, Immigration, FEMA, HHS, USSS, USCG
    - FAA
    - State/Local governments
    - National Guard
    - First responders
    - Theater Security Cooperation (Canada, Mexico) – BPG
    - Systems:
      - Integration with GCCS – maritime, air, land
      - GIS
      - FAA – air tracks
      - USNORTHCOM CIE
      - JRIES, LEO, IOP

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Interagency Collabo

- **Today:**
  - **Intel (CIFC/CIFG)**
    - Traditional agencies: CIA, DIA, NSA, NRO, NGA, etc.
    - “Interagency” partners: FBI, USSS, NGB, DHS, US Marshals
    - Systems: Standard intel systems, multi-domain dissemination, JRIES, LEO

- **Planned:**
  - **Integrate into EBP process**
  - **Multiple working groups**

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Typical Issu

- C2:
  - Title 10 vs. Title 32 issues
  - How do you best C2 a JTF?
    - Trusted Information Exchange Environment – extend it
    - C2 platforms – DJC2 won't work for us
  - DCOs – how best employed?

- Plans:
  - CONPLANs
  - Interagency protocols for maritime interdiction

- Intel sharing/dissemination
  - Classified info tear lines vs. IC's need to share

- LE info sharing
  - Intel Oversight

Interagency Collabo

- **Typical Issues:**
  - **General info sharing**
    - **State Engagement Plan**
    - **Portal postings not always vetted, chat info not “approved”**
    - **Common systems are necessary**
      - **not all agencies are on SIPRNET or have CIE**
        - **MTTs are the key to CIE participation**
      - **not all DoD on JRIES, LEO, first responder radios**
    - **Coordination cells are good**
      - **Joint Field Office for NSSEs has Multi-Agency Coord Ctr (MACC)**
      - **JTF HQs – LNOs are best in a pinch**
    - **IEBs critical to good Command crosstalk**
      - **must know the Commands’ business**
      - **must be motivated**
      - **manning not formalized - JTD**

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UNITED STATES
NORTHERN COMMAND

Deployment Con

- **Early Entry: ← configuration for small JTFs**
  - **5-25 personnel**
    - **“Vehicle alone” at 5-8 personnel**
    - **“Vehicle and existing temporary facility” at 5-25 personnel**
  - **Voice, data, VTC**

- **Core:**
  - **Up to 50 personnel**
  - **Theater comms support normally required**
  - **Enhanced voice, data, VTC**

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Deployment Require

- **Early Entry Capability:**
  - **Voice, data**
    - **“Vehicle alone” at 5-8 personnel, marshalled in 3-6 hours, assembled w/in 30 minutes**
    - **“Vehicle and existing temporary facility” at 5-25 personnel, marshalled in 3-6 hours, assembled w/in 6 hours**

- **Core Capability:**
  - **Up to 50 workstations in co-located facility**
  - **Marshalled in 3-6 hours, assembled w/in 24 hours**

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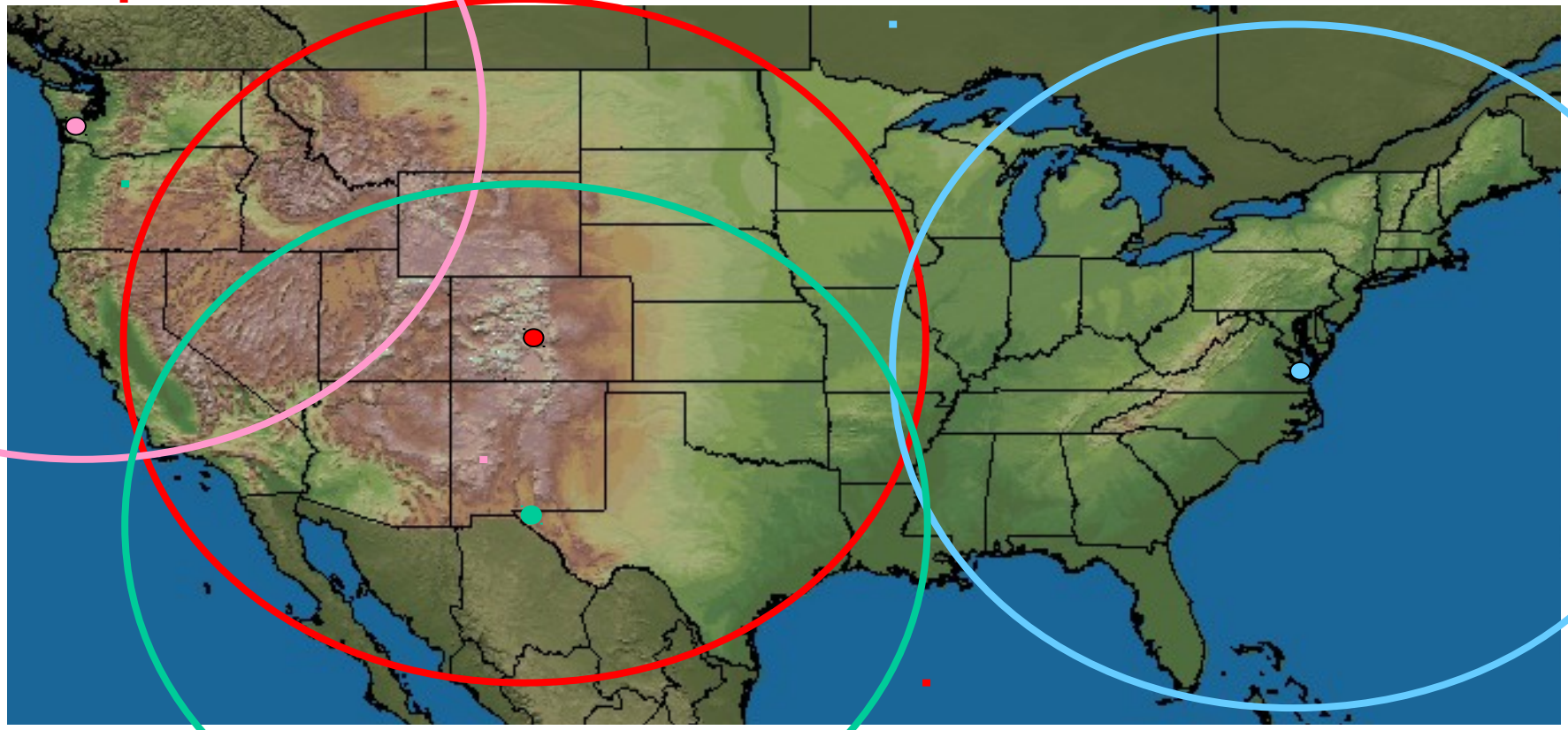
Materiel Conc



** Circles represent optimistic 12-hour driving range (60 mph)

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Data System Require

- **Reach-Back to USNORTHCOM Enterprise Services, Trusted Information Exchange Environment**
  - **NIPRNET/SIPRNET/RELCAN Access to MS Exchange**
  - **Defense Messaging System (DMS)**
  - **Automated Message Handling System (AMHS)**
  - **Information Dissemination Management (IDM)**
  - **Web-based Geospatial Analysis capability**
- **BFT device per vehicle**

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